

**KEMET Part Number: C0603C104K5RACTU**  
(C0603C104K5RAC7867)

SMD Comm X7R, Ceramic, 0.1 uF, 10%, 50 VDC, X7R, SMD, MLCC, Temperature Stable, Class II, 0603



**Dimensions**

| Dimension | Value            |
|-----------|------------------|
| L         | 1.6mm +/-0.15mm  |
| W         | 0.8mm +/-0.15mm  |
| T         | 0.8mm +/-0.15mm  |
| S         | 0.7mm MIN        |
| B         | 0.35mm +/-0.15mm |

**Packaging Specifications**

|                            |                        |
|----------------------------|------------------------|
| <b>Packaging:</b>          | T&R, 180mm, Paper Tape |
| <b>Packaging Quantity:</b> | 4000                   |

**General Information**

|                       |  |
|-----------------------|--|
| <b>Series:</b>        | SMD Comm X7R   |
| <b>Style:</b>         | SMD Chip   |
| <b>Description:</b>   | SMD, MLCC, Temperature Stable, Class II                                |
| <b>Features:</b>      | Temperature Stable, Class II   |
| <b>RoHS:</b>          | Yes  |
| <b>Termination:</b>   | Tin  |
| <b>Marking:</b>       | No   |
| <b>AEC-Q200:</b>      | No   |
| <b>Miscellaneous:</b> | Note: Referee time for X7R dielectric for this part number is 48 hours |
| <b>Chip Size:</b>     | 0603   |
| <b>Shelf Life:</b>    | 78 Weeks   |
| <b>MSL:</b>           | 1  |

**Specifications**

|  |                         |
|--|-------------------------|
| <b>Capacitance:</b>  | 100000 pF, 1kHz 1.0Vrms |
| <b>Capacitance Tolerance:</b>  | 10%                     |
| <b>Voltage DC:</b>   | 50 VDC                  |
| <b>Dielectric Withstanding Voltage:</b>                                    | 125 VDC                 |
| <b>Temperature Range:</b>  | -55/+125°C              |
| <b>Temperature Coefficient:</b>  | X7R                     |
| <b>Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC):</b> | 15%, 1kHz 1.0Vrms       |
| <b>Dissipation Factor:</b>   | 2.50% 1kHz 1.0Vrms      |
| <b>Aging Rate:</b>   | 3% Loss/Decade Hour     |
| <b>Insulation Resistance:</b>  | 5 GOhms                 |

单击下面可查看定价，库存，交付和生命周期等信息

[>>KEMET\(基美\)](#)